

IN THE SPECIFICATION

On page 1, please amend the "Related Applications" paragraph as follows:

This application is a divisional application of U.S. Application Serial No. 09/757,982, filed January 10, 2001, which is a divisional application of U.S. Application Serial No. 09/163,115, filed September 29, 1998, which claims priority to U.S. provisional Application No. 60/099,657, filed on September 9, 1998, all of which are incorporated herein in their [[its]] entirety by this reference.

On page 14, please amend the paragraph beginning at line 7 as follows:

The nucleotide sequence of the isolated human CSAPK-1 cDNA and the predicted amino acid sequence of the human CSAPK-1 polypeptide are shown in Figure 1 and in SEQ ID NOs:1 and 2, respectively. A plasmid containing the nucleotide sequence encoding human CSAPK-1 was deposited with American Type Culture Collection (ATCC), 10801 University Boulevard, Manassas, VA 20110-2209, on October 27, 1998 [[_____]] and assigned Accession Number 203308 [[_____]]. This deposit will be maintained under the terms of the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure. This deposit was made merely as a convenience for those of skill in the art and is not an admission that a deposit is required under 35 U.S.C. §112.

On page 16, please amend the paragraph beginning at line 7 as follows:

The nucleotide sequence of the isolated human CSAPK-2 cDNA and the predicted amino acid sequence of the human CSAPK-2 polypeptide are shown in Figure 2 and in SEQ ID NOs:4 and 5, respectively. A plasmid containing the nucleotide sequence encoding human CSAPK-2 was deposited with American Type Culture Collection (ATCC), 10801 University Boulevard, Manassas, VA 20110-2209, on October 27, 1998 [[_____]] and assigned Accession Number 203306 [[_____]]. This deposit will be maintained under the terms of the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure. This deposit was made merely as a convenience for those of skill in the art and is not an admission that a deposit is required under 35 U.S.C. §112.

On page 17, please amend the paragraph beginning at line 10 as follows:

The nucleotide sequence of the isolated human CSAPK-3 cDNA and the predicted amino acid sequence of the human CSAPK-3 polypeptide are shown in Figure 3 and in SEQ ID NOs:7 and 8, respectively. A plasmid containing the nucleotide sequence encoding human CSAPK-3 was deposited with American Type Culture Collection (ATCC), 10801 University Boulevard, Manassas, VA 20110-2209, on October 27, 1998 [[____]] and assigned Accession Number 203309 [[____]]. This deposit will be maintained under the terms of the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure. This deposit was made merely as a convenience for those of skill in the art and is not an admission that a deposit is required under 35 U.S.C. §112.

On page 18, please amend the paragraph beginning at line 12 as follows:

The nucleotide sequence of the isolated human CSAPK-4 cDNA and the predicted amino acid sequence of the human CSAPK-4 polypeptide are shown in Figure 4 and in SEQ ID NOs:10 and 11, respectively. A plasmid containing the nucleotide sequence encoding human CSAPK-4 was deposited with American Type Culture Collection (ATCC), 10801 University Boulevard, Manassas, VA 20110-2209, on October 27, 1998 [[____]] and assigned Accession Number 203307 [[____]]. This deposit will be maintained under the terms of the Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure. This deposit was made merely as a convenience for those of skill in the art and is not an admission that a deposit is required under 35 U.S.C. §112.

On page 19, please amend the paragraph beginning at line 15 as follows:

The nucleotide sequence of the isolated human CSAPK-5 cDNA and the predicted amino acid sequence of the human CSAPK-5 polypeptide are shown in Figure 5 and in SEQ ID NOs:13 and 14, respectively. A plasmid containing the nucleotide sequence encoding human CSAPK-1 was deposited with American Type Culture Collection (ATCC), 10801 University Boulevard, Manassas, VA 20110-2209, on October 27, 1998 [[____]] and assigned Accession Number 203305 [[____]]. This deposit will be maintained under the terms of the Budapest Treaty on

the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure. This deposit was made merely as a convenience for those of skill in the art and is not an admission that a deposit is required under 35 U.S.C. §112.

On page 76, please amend the paragraphs beginning at line 2 as follows:

The sequences of the positive clones were determined and found to contain open reading frames. The nucleotide sequence encoding the human CSAPK-1 protein is shown in Figure 1 and is set forth as SEQ ID NO:1. The protein encoded by this nucleic acid comprises about 302 amino acids and has the amino acid sequence shown in Figure 1 and set forth as SEQ ID NO:2. The coding region (open reading frame) of SEQ ID NO:1 is set forth as SEQ ID NO:3. The clone comprising the entire coding region of human CSAPK-1 was deposited with the American Type Culture Collection (ATCC®), 10801 University Boulevard, Manassas, VA 20110-2209, on October 27 [[____]], 1998, and assigned Accession No. 203308 [[____]].

The nucleotide sequence encoding the human CSAPK-2 protein is shown in Figure 2 and is set forth as SEQ ID NO:4. The protein encoded by this nucleic acid comprises about 455 amino acids and has the amino acid sequence shown in Figure 2 and set forth as SEQ ID NO:5. The coding region (open reading frame) of SEQ ID NO:4 is set forth as SEQ ID NO:6. The clone comprising the entire coding region of human CSAPK-2 was deposited with the American Type Culture Collection (ATCC®), 10801 University Boulevard, Manassas, VA 20110-2209, on October 27 [[____]], 1998, and assigned Accession No. 203306 [[____]].

The nucleotide sequence encoding the human CSAPK-3 protein is shown in Figure 3 and is set forth as SEQ ID NO:7. The protein encoded by this nucleic acid comprises about 581 amino acids and has the amino acid sequence shown in Figure 3 and set forth as SEQ ID NO:8. The coding region (open reading frame) of SEQ ID NO:7 is set forth as SEQ ID NO:9. The clone comprising the entire coding region of human CSAPK-3 was deposited with the American Type Culture Collection (ATCC®), 10801 University Boulevard, Manassas, VA 20110-2209, on October 27 [[____]], 1998, and assigned Accession No. 203309 [[____]].

The nucleotide sequence encoding the human CSAPK-4 protein is shown in Figure 4 and is set forth as SEQ ID NO:10. The protein encoded by this nucleic acid comprises about 160 amino acids and has the amino acid sequence shown in Figure 4 and set forth as SEQ ID NO:11. The coding region (open reading frame) of SEQ ID NO:10 is set forth as SEQ ID NO:12. The

clone comprising the entire coding region of human CSAPK-4 was deposited with the American Type Culture Collection (ATCC®), 10801 University Boulevard, Manassas, VA 20110-2209, on October 27 [[_____]], 1998, and assigned Accession No. 203307 [[_____]].